

WHAT WE CLAIM IS:

1. A transformer including:

first and second transformer windings,

5 an iron core carrying said first and second transformer windings,

an enclosure housing the iron core and first and second transformer windings,

first and second electrical connectors in electrical

10 communication with the first transformer winding, and

a second enclosure encasing the electrical connectors and portion of the first transformer winding in electrical communication with the connectors .

15 2. A transformer as claimed in claim 1 wherein the second enclosure is made of a fire retardant material.

3. A transformer as claimed in claim 1 further including a electrical pin assembly, with first and 20 second pins, in removable communication with the first and second electrical connectors, said pin assembly disposed to project from the outer surface of the enclosure to facilitate connection of the transformer to an electrical wall outlet.

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4. A transformer as claimed in claim 1 further including a winding bobbin that forms part of the second enclosure.

5. A battery charger including:

first and second transformer windings ,

an iron core carrying said first and second  
5 transformer windings ,

an enclosure housing the iron core and first and  
second transformer windings ,

an electrical pin assembly with first and second  
pins in electrical connection with the first transformer  
10 winding , and

a second enclosure made of fire retardant material  
encasing a portion of the electrical pin assembly and the  
first transformer winding in connection with the  
electrical pin assembly .

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6. A battery charger as claimed in claim 5 wherein the  
first winding is formed on a bobbin that forms part of  
the second enclosure.